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tweise@weise-laptop:/tmp$ python3
Python 3.10.12 (main, Nov 20 2023, 15:14:05) [GCC 11.4.0] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> 2 ** 7
128
>>> 7 ** 11
1977326743
>>> 2 ** 63
9223372036854775808
>>> 2 ** 64
18446744073709551616
>>> 2 ** 1024
179769313486231590772930519078902473361797697894230657273430081157732675
805500963132708477322407536021120113879871393357658789768814416622492847
430639474124377767893424865485276302219601246094119453082952085005768838
150682342462881473913110540827237163350510684586298239947245938479716304
835356329624224137216
>>> print("The following is for the binary mathematics aficionados, first-time readers do not need to fully understand this yet.")
The following is for the binary mathematics aficionados, first-time readers do not need to fully understand this yet.
>>> 22 | 1
23
>>> 22 | 15
31
>>> 22 & 1
0
>>> 22 & 15
6
>>> 22 ^ 1
23
>>> 22 ^ 15
25
>>> exit()
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```